

FIREFIGHTER FIRST CLASS

STUDY GUIDE

The examination for **FIREFIGHTER FIRST CLASS** was developed following a job analysis designed to gather job information from Firefighters First Class statewide through interviews, questionnaires, and panels. Actual test items have been reviewed by the appropriate subject matter experts for correctness and appropriateness at the Firefighter First Class level.

A written examination for the class will consist of approximately 116 multiple-choice questions in the following areas:

SUBJECT MATTER/CONTENT

<u>Subject Area</u>	<u>No. of Questions</u>	<u>Percent of Exam</u>
Forcible Entry	6	5%
Fire Suppression	25	22%
Rescue	7	6%
Ventilation	6	5%
Overhaul	6	5%
Hoses	14	12%
Ladders	12	10%
Ropes	4	3%
Protective Breathing Practices	10	9%
Chemistry of Fire	18	16%
First Aid	<u>8</u>	<u>7%</u>
TOTALS	116	100%

DESCRIPTION OF TEST

Forcible Entry - This section includes questions on forcible entry tools and basic practices for forcible entry through doors, windows, ceilings and walls.

Fire Suppression - This section includes questions on fire behavior and characteristics, safety practices, fire streams, and basic firefighting procedures.

Rescue - This section includes questions on procedures for rescuing victims of fire incidents, including firefighters.

Ventilation - This section includes questions on basic procedures for removing smoke, heat, and gas from the fire area.

Overhaul - This section includes questions on searching for and extinguishing hidden fires, and preserving possible evidence or arson.

Hoses - This section includes questions on hose lays, hose loads, appliances, and proper usage and care of fire hose.

Ladders - This section includes questions on types of ladders, identifying parts of ladders, and proper handling and uses of ladders.

Ropes - This section includes questions on the proper usage of rope knots.

Protective Breathing Practices - This section includes questions on the proper use and operation of self-contained breathing apparatus.

Chemistry of Fire - This section includes questions on heat transfer, phases of fire, classes of fire, portable extinguishers, and fire chemistry.

First Aid - This section includes questions on basic first aid practices, including cardio-pulmonary resuscitation.

PRIMARY REFERENCE MATERIAL

INTERNATIONAL FIRE SERVICE TRAINING ASSOCIATION (IFSTA)/FIRE PROTECTION PUBLICATIONS (Training Manuals)

Essentials of Firefighting, 5th ed., 2008.
(Fire) Hose Practices, 8th ed., 2004.
Fire Service First Responder, 2000.
Pumping Apparatus/Driver/Operator Handbook, 2nd ed., 2006.
Fire Service Ground Ladders Practices, 9th ed., 1996.
Fireground Support Operations, 1st ed., 2002.
Respiratory Protection for Fire and Emergency Services, 1st ed., 2002.

HELPFUL STUDY HINTS

The PUBLICATIONS listed above may be obtained from the LSU Firemen Training Program (6868 Nicholson Drive, Baton Rouge, LA 70820), special bookstore orders, or possibly from your local library. In addition to these references, any authoritative text which covers the same subject matter may be helpful in preparing for the exam. Some knowledge required for the exam will have been gained from your experience as a firefighter. You may want to plan your study time in such a way that you concentrate on the subject areas with which you are least familiar. Also keep in mind the number of questions in each subject area.

CURRENT EDITIONS

This office makes every effort to obtain the most recent editions of all IFSTA, NEPA and other recommended publications. Since this list indicates only the latest material available when the list was compiled or revised, each Fire Department and Fire Protection District should also strive to keep its reference, study, and training material updated.

The local civil service board should make this study guide available to all applicants in whatever manner the board deems appropriate.

While there are no provisions requiring this office to provide study guides for any competitive or promotional examinations, such material will be provided as a service to assist applicants in preparing for an examination. The State Examiner's office has no control whatsoever over the local availability of reference material (mentioned in the study guides), nor do we feel constrained to limit examination questions to only that material which is available locally. Examination content, weighting of subject areas, and length of examination, may vary with each administration of an examination to reflect any updated job analysis information. Percentages and numerical estimations are provided as approximations.